

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #55—July 14, 2008

Work Completed: July 3-July 9, 2008

- No construction activities occurred between July 3rd and July 6th in observance of the July 4 holiday weekend.
- Began installation of the resuspension control system in Removal Area 12A.
- Completed installation of the resuspension control system in Removal Area 11A.
- Continued removing soil and sediment from Removal Areas 11A and 12A.
- Completed removal of soil and sediment from Removal Area 12B.
- Completed the installation of restoration stone in Removal Area 12B.
- Continued restoration activities in Removal Area 10B, including placement of restoration stone, general fill, and topsoil.
- Continued soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continued loading and transporting solidified soil/sediment TSCA material from Staging Area 3S and Removal Area 10B to EQ's Wayne County Disposal Facility.
- Continued operation of the WCS.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	805	23	35	1
2008 Total	5,495	157	31,745	907
Project Total to Date	8,505	243	65,660	1,876

Note: All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5

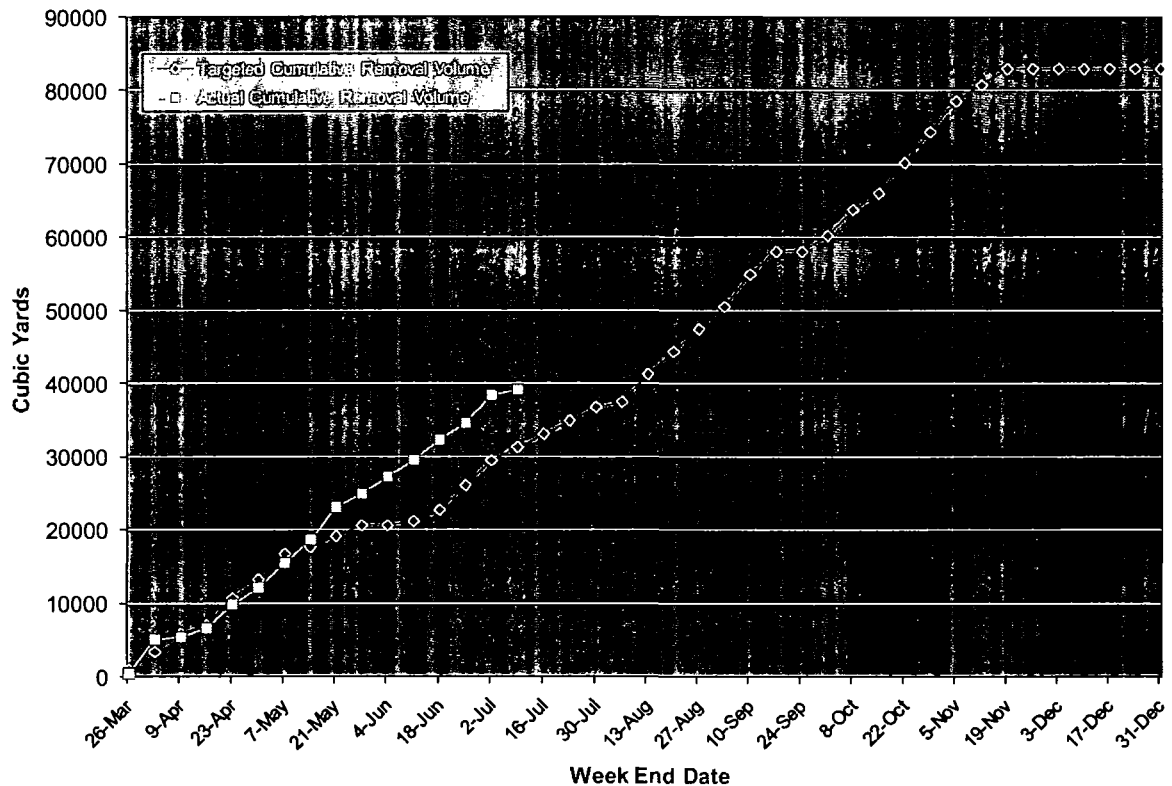


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Work Planned: July 10-July 16, 2008

- Continue removing soil and sediment from Removal Area 11A.
- Continue removing floodplain soil from Removal Areas 12A and 13A.
- Continue restoration activities in Removal Areas 10B, 11B, and 12B, including placing topsoil, seeding, and installing erosion control matting.
- Continue soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continue loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Begin removing and disposing of materials from Staging Area 3S, including HDPE geomembrane liner, geotextile fabric, and aggregate material.
- Begin installing the resuspension control system for Mid-Channel Area B.
- Finish installing the resuspension control system in Removal Area 12A.
- Continue operation of the WCS.

Removal Progress

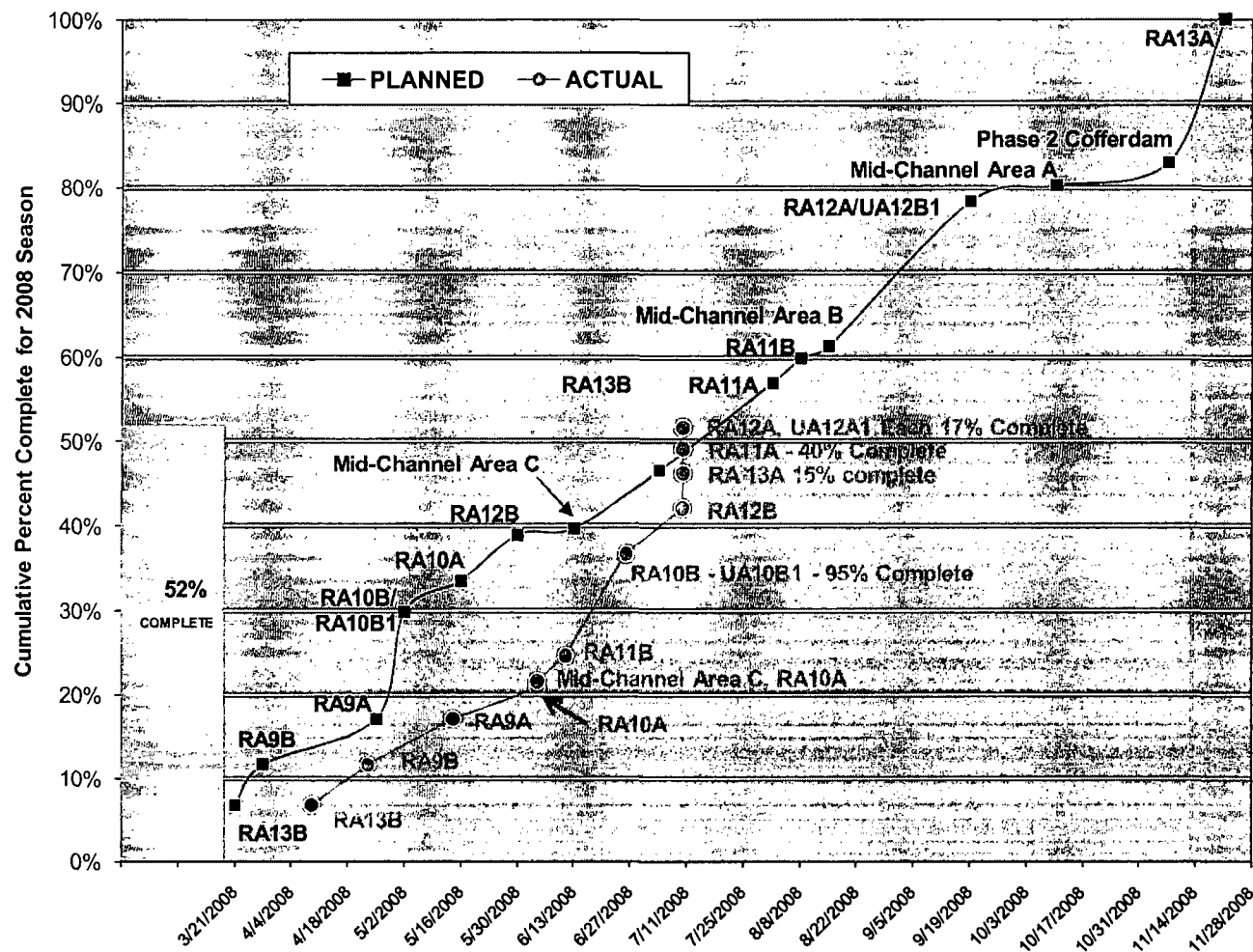


Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

Health & Safety Update

- 3 Loss Prevention Observations (LPOs) were completed during this period.
A total of 177 LPOs have been completed for the project to date.

Weather Summary

- Work was temporary suspended onsite on July 7th due to lightning. River elevations remained higher during the week due to recent precipitation events.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 51,012 gallons (Staging Area 4N) and 41,821 gallons (Staging Area 5S)

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Areas 11A and 12B.

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None.

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Equipment on Site

Equipment	7/3/08	7/4/08	7/5/08	7/6/08	7/7/08	7/8/08	7/9/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

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Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	7/3/08	7/4/08	7/5/08	7/6/08	7/7/08	7/8/08	7/9/08
Terra Contracting Staff	6				25	25	20
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Don de Blasio/USEPA							
Mike Ribordy/USEPA OSC					x	X	X
Tom Crosetto/USEPA OSC							
Paul Bucholtz/MDEQ							
John Bradley/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							
Sharon Hanshew/MDNR							
Lisa Williams/USFWS							
Weston Contractors					X	X	X
CDM Contractors					X	X	X
Chase Fortenberry/KRSG							
Mark Brown/KRSG							
Paul Monteny/KRSG							
Eric Schmidt/KRSG							
Suda Arakere/KRSG							
Steve Garbacia/ARCADIS							
Mike Erickson/ARCADIS							
Scott Marcus/ARCADIS					X	X	X
Eric Hritsuk/ARCADIS							X
Matt Bowman/ARCADIS						X	
EJ Suardini/ARCADIS							
Mike Kohagen/ARCADIS	X				X	X	X
Michelle Rumler/ARCADIS					X	X	X
Joe Willoughby/ARCADIS					X	X	X
Ben Lawrence/ARCADIS					X	X	X
Dave Patterson/ARCADIS					X	X	X
ARCADIS H&S Audit Team							
Nick Harmer/ARCADIS						X	X
Other Subcontractors (Specify)							
King Co.							
JF New							

Photos from July 3-July 9, 2008



Loading soil and sediment from
Staging Area 3S.



Excavating soil in Removal Area 12A.

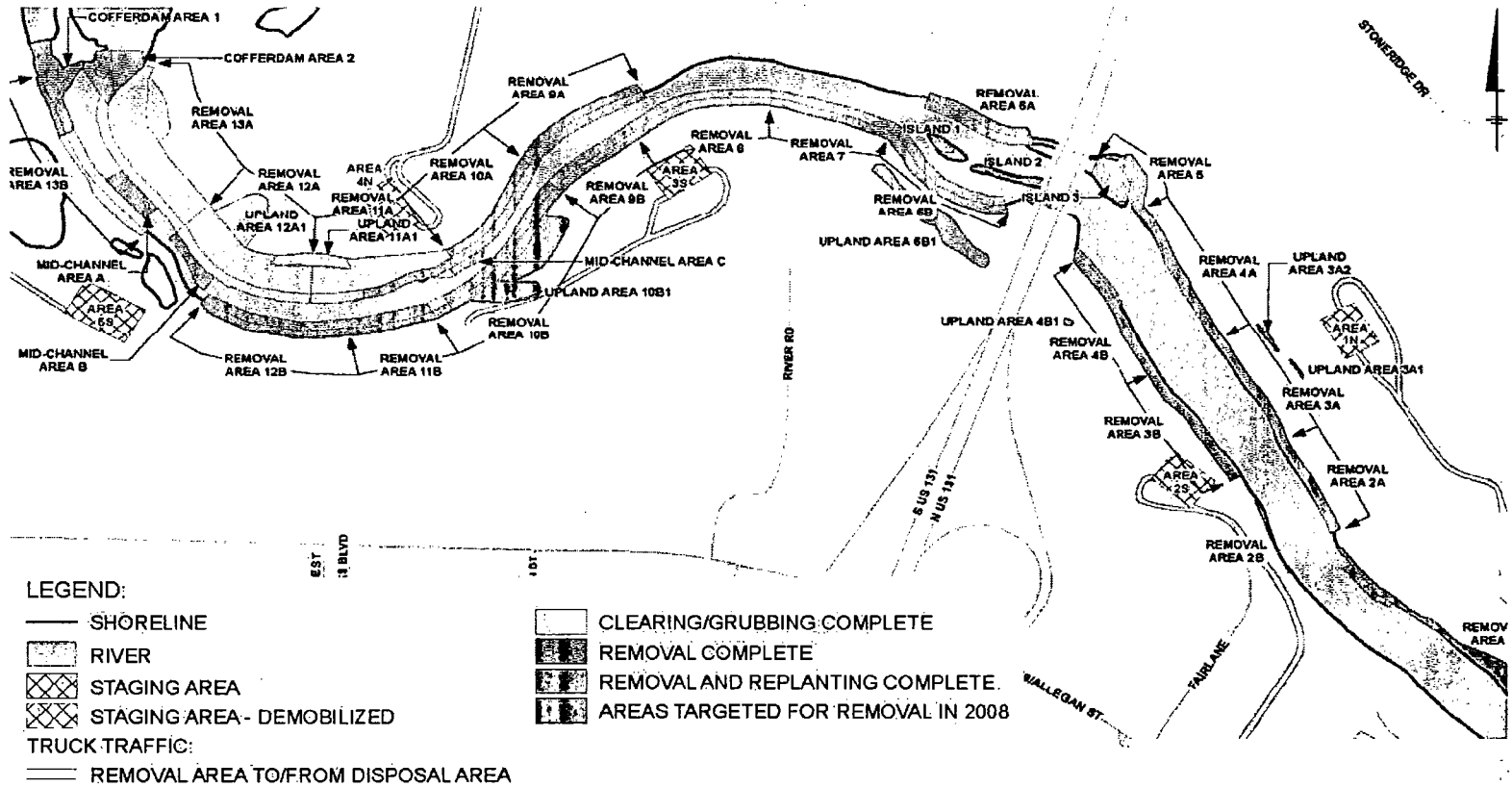


Installing a silt curtain headwall in
Removal Area 11A.



Backfilling and grading activities to prepare
Removal Area 10B for replanting.

Targeted Removal Areas – Former Plainwell Impoundment



Notes:

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.